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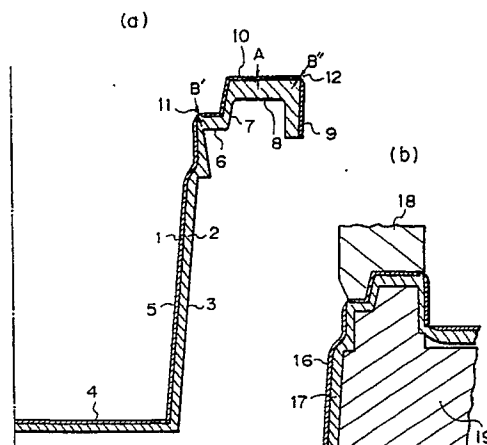
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(54) **Multilayer plastics containers and methods of producing the same.**

(57) A multilayer container with a flange for sealing with a lid, wherein the thickness of the inner surface layer at the inner edge of the flange is thinner than that in the sealing area, is produced by a method wherein a circular portion of a multilayer sheet to be the flange is held at a certain pressure while the multilayer sheet is being thermoformed under specified molding conditions, with the other portion than the circular portion being stretched. Even a seal ring having an even surface serves as a means for sealing the resulting multilayer container with a lid while ensuring easy openability.

Fig. 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 282 773 (IDEMITSU PETROCHEMICAL CO.) * Figures 1-4,8-14; claims 1,3,4,6; page 2, lines 24-36; page 3, lines 10-19; page 5, lines 46-50; page 7, lines 53-56; page 11, lines 3-12 * - - -	1-5,7-9	B 29 C 51/14 B 65 D 1/28 B 29 C 51/26 B 29 C 51/42 B 65 D 77/20
X	EP-A-0 305 976 (SUMITOMO BAKELITE CO.) * Figures 2,3,8,9,10,11,12; claims 1,13; page 2, lines 3-6,28-36; page 3, lines 7-12; page 4, lines 41-46 * - - -	1,2,5,7-9	
X	EP-A-0 306 982 (IDEMITSU PETROCHEMICAL CO.) * Figures 1,2,4,6; claims 1,5; page 4, lines 25-32,40-50; page 6, lines 45-58 * - - -	1,5,7,9	
A	PATENT ABSTRACTS OF JAPAN, vol. 7, no. 24 (M-189)[1169], 29th January 1983; & JP-A-57 178 816 (SUMITOMO BAKELITE K.K.) 04-11-1982 * Abstract; figure * - - -	1,7	
A	DE-A-2 235 042 (FISCHER, REINER) * Figures 3-6; page 7, paragraph 2; page 13, paragraph 1; page 15, paragraph 2 - page 16, paragraph 1 * - - - - -	1,7	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 31 July 91	Examiner KOSICKI T.R.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	